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Oup.				Application Number		
184				Filing Date		
				First Named Inventor	Daniel E. Johnson	
S'				Art Unit		
				Examiner Name		
Sheet	T1 T	of 1		Attorney Docket Number	john.0001	

Examiner Initials*	Cite No.'	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
7N)		US- 3,073,022	01/15/1963	Bush et al.	
1		^{US-} 4,067,240	01/10/1978	Straub	
		US- 6,200,689 B1	03/13/2001	Ferrigno et al.	
		^{US-} 6,346,157 B1	02/12/2002	Takezawa et al.	
		^{US-} 6,449,998 B1	09/17/2002	Takeda et al.	
. /		^{US-} 6,544,360 B1	04/08/2003	Tange et al.	
1115		^{US-} 6,551,064 B1	04/22/2003	Mannava et al.	
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		FORE	GN PATENT DOCU	MENTS		
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